



baremodule Base mport Core: print, println, show, write, unsafe\_write, STDOUT, STDERR include = Core.include if !isdefined(Main, :Base) #TODO: eliminate Dict from inference (::Type{Array{T}}){T}(d::Integer...) = Array{T}(convert(Tuple{Vararg{Int}}), include("nofloat\_hashing.jl") (::Type{Matrix})() = Array{Any,2}(0, 0) (::Type{Matrix})(m::Integer, n::Integer) = Matrix{Any}(Int(m), Int(n)) # TODO: possibly turn these into deprecations Array{T}(::Type{T}, m::Integer)  $= Array\{T,1\}(Int(m))$ # core docsystem # compiler include("rounding.jl") # SIMD loops # Definition of StridedArray typealias StridedArray{T,N,A<:Union{DenseArray,StridedReshapedArray},I<:Tupl Union{DenseArray{T,N}, SubArray{T,N,A,I}, StridedVector{T,A<:Union{DenseArray,StridedReshapedArray},I<:Tuple Union{DenseArray{T,1}, SubArray{T,1,A,I}, StridedReshapedArray{T,1}} typealias StridedMatrix{T,A<:Union{DenseArray,StridedReshapedArray},I<:Tuple{ Union{DenseArray{T,2}, SubArray{T,2,A,I}, StridedReshapedArray{T,2}} "build\_h.jl".data))) # include(\$BUILDROOT/base/build\_h.jl) "version\_git.jl".data))) # include(\$BUILDROOT/base/version\_git.jl) include("iostream.jl") include("math.jl") importall .Math include("permuteddimsarray.jl") using .PermutedDimsArrays let SOURCE\_PATH = "" prev = SOURCE\_PATH SOURCE\_PATH = prev importall .Order # Combinatorics importall .GMP importall .MPFR include("dSFMT.jl") include("loading.jl") import .Mmap importall .DataFmt include("client.il") importall .LinAlg include("broadcast.jl") importall .DFT importall .DSP importall .FastMath include("libgit2/libgit2.jl") include("dates/Dates.jl") import .Dates: Date, DateTime, now # sparse matrices, vectors, and sparse linear algebra include("docs/helpdb.il") include("docs/Docs.jl") using .Docs, .Markdown Docs.loaddocs(Core.Inference.CoreDocs.DOCS) reinit stdio() STDOUT as fallback Base.isfile("userimg.jl") && Base.include("userimg.jl")







## More Standard Library

coreimg.jl

sysimg.jl

## But not done yet...

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userimg.jl
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`--compile-incremental=yes`
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## using MyPackage

- -> Base.require(:MyPackage)
  - -> isdefined(Main, :MyPackage)?
    - -> Base.\_include\_from\_serialized or Base.include
      - -> Base.cachecompile(:MyPackage)
        - -> Recursion!
      - -> MyPackage.\_\_init\_\_()
- -> symbols are imported from MyPackage